

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| L22   | 18936 | (MSQ or HSQ or methylsilsesquioxane or silsesquioxane or dielectric or (low adj k)) same (porous or pore or void)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/06/25 18:33 |
| L23   | 1521  | 22 and (((electron or e <sup>2</sup> ) near5 (beam or ray or irradiat\$6)) )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/06/25 18:34 |
| L24   | 1308  | 23 and (semiconductor or interconnect\$6 or wiring or Cu or copper or damascene or dualdamascene)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/06/25 18:34 |
| L25   | 1262  | 24 and (@ad<="20031106" or @rlad<="20031126")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/06/25 18:34 |
| L26   | 346   | 25 and (((electron or e <sup>2</sup> ) near5 (beam or ray or irradiat\$6)) same (pores or porous or void or space)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/06/25 18:35 |

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L8    | 983  | (MSQ or HSQ or methylsilsesquioxane or silsesquioxane) same (porous or pore or void)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/06/25 14:52 |
| L9    | 178  | 8 and (((electron or e <sup>sup</sup> \$2) near5 (beam or ray or irradiat\$6)) )                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/06/25 14:52 |
| L10   | 165  | 9 and (@ad<="20031106" or @rlad<="20031126")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/06/25 14:53 |
| L11   | 162  | 10 and (semiconductor or interconnect\$6 or wiring or Cu or copper or damascene or dualdamascene) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2005/06/25 14:53 |